BHSL, Utraula

Ferruling Details Towards Governor Panel

(*) For 230VAC Raw Supply

230Vac Raw T1-1
230Vac Raw T1-2
] ferrules

(*) for 230VAE UPS Supply

230Vac UPS T3-1
230Vac UPS T3-2
] Ferrules

(*) for Generator Incoming CT

R-Phase Gen. Incoming CT(S1) T5-1
" " " (S2) T5-2
Y-Phase " " (S1) T5-3
" " " (S2) T5-4
B-Phase " " (S1) T5-5
" " " (S2) T5-6
] Ferrules

(*) for Grid Incoming CT

R-Phase Grid Incoming CT (S1) T2-1
" " " " (S2) T2-2
Y-Phase " " " (S1) T2-3
" " " " (S2) T2-4
B-Phase " " " (S1) T2-5
" " " " (S2) T2-6
] Ferrules

(*) for MPU & Actuator

Ferrules
- MPU-1 T4-1
MPU-1 T4-2
MPU-1 Shield T4-3
MPU-2 T4-4
MPU-2 T4-5
MPU-2 shield T4-6

HP Actuator T4-7
HP Actuator T4-8
HP Actuator Shield T4-9
] Ferrules

(*) for Generator Closing & Tripping :-

Gen. Closing T6-13
Gen. Closing T6-14
Gen. Tripping T6-15
Gen. Tripping T6-16
] formulas

(*) for Bus Coupler Closing & Tripping :-

Bus Coupler Closing T6-17
Bus Coupler closing T6-18
Bus Coupler Tripping T6-19
Bus Coupler Tripping T6-20
] formulas

(*) for Grid Closing & Tripping :-

Grid Closing T8-5
Grid closing T8-6
Grid Tripping T8-7
Grid Tripping T8-8
] formulas

(*) For Sov. Healthy Contact :-

Sov. Healthy Contact T5
" " " T5
] formulas

(*) for Overspeed Trip :-

Over speed Trip T6-9
" " " T6-10
] formulas

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(*) for feedbacks :-

86T NC contact T5-1
" " " T5-2
Gen. NO contact T5-3
Gen. NO contact T5-4
Grid NO contact T5-5
Grid NO contact T5-6
86G NC contact T5-7
86G NC contact T5-8
BUS Coupler Feedback T5-11
BUS Coupler Feedback T5-12
86L NC contact T5-13
86L NC contact T5-14

Ferrules

(*) for AVR :-

Voltage Raise from AVR T6-1
Voltage Raise from AVR T6-2
Voltage Lower from AVR T6-3
Voltage Lower from AVR T6-4
90% Speed [AVR Priming to AVR T6-5
AVR Priming to AVR T6-6

Ferrules

(*) for Potential Transformers (PTs)

(a.) Generator incoming PT

R-Phase Gen incoming PT Gen-1
Y-Phase " " " Gen-2
B-Phase " " " Gen-3
] ferrules

(b.) Bus Coupler incoming PT

R-Phase Bus Coupler incoming PT T7-1
Y-Phase " " " " T7-2
B-Phase " " " " T7-3
] ferrules

(c.) BUS PT (common Bus)

R-Phase Bus PT T7-5
Y-Phase Bus PT T7-6
B-Phase Bus PT T7-7
] ferrules

(d.) Grid incoming PT

R-Phase Grid PT T7-9
Y-Phase Grid PT T7-10
B-Phase Grid PT T7-11
] Ferrules